

API NO. 15- 033-209200000

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

County Comanche
NE SW NE Sec. 36 Twp. 32S Rge. 19 ^E_W

1550 Feet from SW (circle one) Line of Section
1550 Feet from SW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)

Lease Name Reynolds Well # 36-7

Field Name Colter

Producing Formation Viola

Elevation: Ground 2066 KB 2079

Total Depth 6250 PBT 5880

Amount of Surface Pipe Set and Cemented at 668 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to W SA cmt.

Drilling Fluid Management Plan ART 1
(Data must be collected from the Reserve Pit) Dpw 6-4-97

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name Gene Dill

Lease Name Regier SWD License No. 6652

Quarter 17 Sec. 33 Twp. 33 S Rng. 27 ^X_Y_W

County Meade Docket No. CD9824

Operator: License # 3882

Name: Samuel Gary Jr. & Associates

Address 1670 Broadway, Ste 3300

City/State/Zip Denver, CO 80202

Purchaser: Kas Gas Corporation

Operator Contact Person: Tom Fertal

Phone (303) 831-4673

Contractor: Name: Duke Drilling **RELEASED**

License: 5929

Wellsite Geologist: N/A **APR 09 1999**

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover: N/A **KCC**

Operator: N/A **MAR 12**

Well Name: **CONFIDENTIAL**

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

11/22/96 12/04/96 01/02/97

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title President Date 02/26/97

Subscribed and sworn to before me this 26th day of February,
19 97.

Notary Public Judith D. Harmon
Judith D. Harmon

Date Commission Expires MY COMMISSION EXPIRES:
January 30, 1999

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Samuel Gary Jr. & Associates Lease Name Reynolds Well # 36-7

Sec. 36 Twp. 32S Rge. 19 East West
 County Comanche

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lansing	4495	-2416
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Hertha	4834	-2755
List All E.Logs Run:		Swope	4904	-2825
Micro resistivity		Marmaton	5030	-2952
Compensated neutron - COMP. PHOTO DENSITY		Pawnee	5088	-3009
Array induction shallow focused E. log		Mississippian	5204	-3125
Compensated longspaced sonic		Viola	5814	-3735
		Simpson	6030	-3951
		Arbuckle	6086	-4007

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
conductor	30	20	---	60	Redi Mix	---	---
surface	12-1/4	8-5/8	24	663	65-35 POZ	325	6% Gel, 3% CC
Production	7-1/8	5-1/2	15.5	6250	50-50 POZ	388	2% Gel, 10% Salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	N/A			
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	6103-6106 ft. Arbuckle	150 Gal DSFE Acid	
	BP @ 5880 ft. Arrow		
4	5837-5824 ft. Viola		

TUBING RECORD	Size 2-3/8	Set At 5800	Packer At 5800	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Date of First, Resumed Production, SUD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
Estimated Production Per 24 Hours	Oil -0-	Bbls.	Gas 387	Mcf	Water 240	Bbls.	Gas-Oil Ratio -0-	Gravity

Position of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

TELEPHONE

AREA CODE 913 483-2627
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL RECEIVED
Federal Tax I.D.# 48-0727860

TO: Sam Gary Jr. & Assoc.
1670 Broadway #3300
Denver Co. 80203

CONFIDENTIAL

INVOICE NO. DEC 9 1996
73913A
PURCHASE ORDER NO. SAMUEL GARY JR.
ASSOCIATES INC.
LEASE NAME Reynolds 36-7
DATE Nov. 22, 1996

SERVICE AND MATERIALS AS FOLLOWS:

Common A 100 sks. @\$6.10 \$ 610.00
Gel 2 sks. @\$9.50 19.00
Chloride 11 sks. @\$28.00 308.00
ALW 225 sks. @\$5.65 1,271.25
Flo seal 56#@\$1.15 64.40

V4344

RELEASED

APR 09 1999

FROM CONFIDENTIAL

\$ 2,272.65

Handling 325 sks. @\$1.05 341.25
Mileage (45) @\$0.04¢ per sk per mi 585.00
Surface 445.00
363' @\$0.41¢ per ft. over 300' 148.83
Mi @\$2.85 pmp. trk. 128.25
1 plug 45.00
1 8 5/8" G. 335.00
1 B. Plate 135.00
2 cent 122.00
1 basket 266.00

1,693.33

792.00

Total

\$ 4,757.98

If Account CURRENT a
Discount of \$ 713.69
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

Thank You!

705/60
JP Bantz

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

KCC
MAR 12
CONFIDENTIAL

RECEIVED
KANSAS CORP COMM
1997 MAR 17 P 1:27

ALLIED CEMENTING CO., INC. 6213

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL ORIGINAL

SERVICE POINT: Med. Lodge

DATE <u>11-22-96</u>	SEC. <u>36</u>	TWP. <u>32</u>	RANGE <u>19W</u>	CALLED OUT <u>5:00pm</u>	ON LOCATION <u>8:00pm</u>	JOB START <u>4:00</u>	JOB FINISH <u>5:00Am</u>
LEASE <u>Reynolds</u>	WELL # <u>36-7</u>	LOCATION <u>Coldwater 55-1/2W-520c</u>	COUNTY <u>Comanche</u>	STATE <u>Ks</u>			

OLD OR NEW (Circle one)

CONTRACTOR Duke #7

TYPE OF JOB Surface Casings

HOLE SIZE 12 1/4 T.D. 665

CASING SIZE 8 5/8 DEPTH 663

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 43.50

CEMENT LEFT IN CSG. 43.50

PERFS. _____

APR 09 1999
OWNER Sam Gary Jr. + Assoc.
CEMENT

CONFIDENTIAL

AMOUNT ORDERED	<u>22.5x 65 6 3/4 gel</u>	
	<u>32 cc - 1/4 # Flowseal perfs</u>	
	<u>100sf Class A 32cc-22 gel</u>	
COMMON	<u>A 100</u>	@ <u>6.10</u> <u>610.00</u>
POZMIX		@ _____
GEL	<u>3</u>	@ <u>9.50</u> <u>19.00</u>
CHLORIDE	<u>11</u>	@ <u>28.00</u> <u>308.00</u>
	<u>A.L.W. 225</u>	@ <u>5.65</u> <u>1271.25</u>
	<u>Flow-Seal 56#</u>	@ <u>1.15</u> <u>64.40</u>
		@ _____
		@ _____
HANDLING	<u>325</u>	@ <u>1.05</u> <u>341.25</u>
MILEAGE	<u>325 x 45</u>	@ <u>.04</u> <u>585.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Allen Drake

233-302 HELPER Justin

BULK TRUCK

240-252 DRIVER James

BULK TRUCK

_____ DRIVER _____

MAR 12 1997
TOTAL \$3198.90

REMARKS:

Cement Did Circulate ✓

15 BBL. Cement

39 1/2 Displacement

CONFIDENTIAL SERVICE

DEPTH OF JOB	<u>663'</u>	
PUMP TRUCK CHARGE	<u>0-300'</u>	<u>445.00</u>
EXTRA FOOTAGE	<u>363'</u>	@ <u>.41</u> <u>148.83</u>
MILEAGE	<u>45</u>	@ <u>2.85</u> <u>128.25</u>
PLUG	<u>Wooden 8 5/8"</u>	@ <u>45.00</u> <u>45.00</u>
		@ _____
		@ _____

TOTAL \$767.08

CHARGE TO: Sam Gary Jr. + Associates

STREET 1670 Broadway Suite 3300

CITY Denver STATE Co. ZIP 80203

FLOAT EQUIPMENT

	<u>SAWTOOTH</u>	
1-8 5/8 Tx pattern Guide	@ <u>335.00</u>	<u>335.00</u>
1-8 5/8 Baffle Plate	@ <u>135.00</u>	<u>135.00</u>
2-8 5/8 Centralizers	@ <u>61.00</u>	<u>122.00</u>
1-8 5/8 Basket	@ <u>200.00</u>	<u>200.00</u>
	@ _____	

TOTAL \$792.00

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE \$ 4757.98

DISCOUNT \$ 713.69 IF PAID IN 30 DAYS

NET \$ 4044.29

SIGNATURE Harvey Moore

TELEPHONE
AREA CODE 913 483-2627
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

ORIGINAL

Federal Tax I.D.# 48-8727860

CONFIDENTIAL

TO: Sam Gary J. & Associates

RECEIVED

INVOICE NO. 74017

1670 Broadway #3300

PURCHASE ORDER NO. _____

Denver, Co. 80203

DEC 20 1996

LEASE NAME Reynolds 36-7

**SAMUEL GARY JR.
& ASSOCIATES INC.**

Dec. 5, 1996

SERVICE AND MATERIALS AS FOLLOWS:

Common H 207 sks @\$7.55	\$ 1,562.85
Pozmix 206 sks. @\$3.15	648.90
Gel 7 sks. @\$9.50	66.50
Salt 41 sks. @\$7.00	287.00
FL 62 173##\$5.38	930.74
Kol seal 2065#@\$.38	784.70
Mud Clean 500 sks. @\$0.75	375.00
CLA Pro @\$22.90	183.20
Handling 413 sks. @\$1.05	433.65
Mileage (45) @\$0.04¢ per sk per mi	743.40
Production string	1,394.00
Mi @\$0.85 pmp. trk.	128.25
1 plug	50.00
1 basket	142.00
1 g. shoe	168.00
1 AFU	298.00
1 st. ring	20.00
1 thread tok	30.00
14 cent	784.00
	<hr/>

*U# 4654
K50333607
and (D)*

*750/60
JV Batts*

*AFE
3607*

RELEASED

APR 09 1999

FROM CONFIDENTIAL

\$ 4,833.89

2,749.30

1,442.00

Total

\$ 9,030.19

< 1,354.527

\$ 7,675.67

If Account CURRENT a
Discount of \$ 1,354.52
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED
KANSAS CORP COMM
1997 MAR 17 P 1:27

ALLIED CEMENTING CO., INC.

6200

CONFIDENTIAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
med. lodge, ks.

ORIGINAL

DATE <u>12-5-96</u>	SEC. <u>36</u>	TWP. <u>32S</u>	RANGE <u>19W</u>	CALLED OUT <u>7:00 A.M.</u>	ON LOCATION <u>10:15 A.M.</u>	JOB START <u>5:15 P.M.</u>	JOB FINISH <u>7:00 P.M.</u>
LEASE <u>Reynolds</u>	WELL # <u>36-7</u>	LOCATION <u>Coldwater Airport, 1/4S - 1/2W - S/4 Comanche</u>			COUNTY <u>Ks.</u>	STATE <u>Ks.</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke Drig. #7
 TYPE OF JOB Production Csg.
 HOLE SIZE 7 7/8 T.D. 6250
 CASING SIZE 5 1/2 x 15.5 DEPTH 6249'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 x hole DEPTH 6250'
 TOOL _____ DEPTH _____
 PRES. MAX 1500 MINIMUM 500
 MEAS. LINE _____ SHOE JOINT 41.61
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER SAM GARY JR. + ASSOCIATES
CEMENT

AMOUNT ORDERED 413 sxs. 50/50/2% Gel
10% SALT + 5# Kol-Seal/sx. + 5% FL-62
500 Gallons mud Clean

COMMON <u>H</u>	<u>207</u>	@	<u>7.55</u>	<u>1562.85</u>
POZMIX	<u>206</u>	@	<u>3.15</u>	<u>648.90</u>
GEL	<u>7</u>	@	<u>9.50</u>	<u>66.50</u>
CHLORIDE		@		
SALT	<u>41</u>	@	<u>7.00</u>	<u>287.00</u>
FL-62	<u>173#</u>	@	<u>5.38</u>	<u>930.74</u>
Kol-Seal	<u>2065#</u>	@	<u>.38</u>	<u>784.70</u>
mud Clean	<u>500gals.</u>	@	<u>.75</u>	<u>375.00</u>
CLA-PRO	<u>8 BALS.</u>	@	<u>22.90</u>	<u>183.20</u>
HANDLING	<u>413</u>	@	<u>1.05</u>	<u>433.65</u>
MILEAGE	<u>413 x 45 x .04</u>			<u>743.40</u>

EQUIPMENT

PUMP TRUCK CEMENTER Larry Dreiling
 # 255-265 HELPER CARL Balding
 BULK TRUCK
 # 259-314 DRIVER John Kelley
 BULK TRUCK
 # _____ DRIVER _____

RELEASED

TOTAL \$6015.94

APR 09 1999

REMARKS:

FROM CONFIDENTIAL SERVICE

Pipe on Bottom, Circ. w/ Rig Pump.
 mix + Pump 500 Gallons mud - Clean
 Plug Rathole w/ 15 sxs. mouse hole w/ 15 sxs
 Cement w/ 388 sxs. 50/50/2% Gel + 10%
 SALT 5# Kol-Seal + 5% FL-62 Cement
 In. wash out Pump + lines. Displace
 Plug w/ 2% KCL, 154 Bbls. Bump Plug.
 Release PST Float Did not Hold.
 Shott In.

DEPTH OF JOB	<u>6249'</u>		
PUMP TRUCK CHARGE			<u>1394.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>45</u>	@	<u>2.85</u> <u>128.25</u>
PLUG Rubber 5/a		@	<u>50.00</u> <u>50.00</u>

RECEIVED FROM
 MANNING CORP.
 APR 17 11:27 AM '99
 TOTAL 1572.25

CHARGE TO: Sam Gary Jr. + Associates
 STREET 1670 Broadway Suite 3300
 CITY Denver STATE Co ZIP 80203

FLOAT EQUIPMENT

<u>5/2 - Basket</u>		<u>142.00</u>	<u>142.00</u>
<u>1 - Guide Shoe</u>	@	<u>168.00</u>	<u>168.00</u>
<u>1 - AFU Flapper Float collar</u>	@	<u>298.00</u>	<u>298.00</u>
<u>1 - Stop Ring</u>	@	<u>20.00</u>	<u>20.00</u>
<u>1 - Thread-Tok</u>	@	<u>30.00</u>	<u>30.00</u>
<u>14 - Centerizers</u>	@	<u>56.00</u>	<u>784.00</u>

TOTAL 1442.00

TAX _____
 TOTAL CHARGE \$9030.19
 DISCOUNT \$1354.52 IF PAID IN 30 DAYS
 Net \$7675.67

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE x David E Rice

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 2979 K.

15-033-20928 TICKET

Post-It® Fax Note 7671

Date 11/29 # of pages 1

District GREAT BRAD D.

COMPANY NAME SAMUEL GARY JR. + Associ

ADDRESS 1670 Broadway, STE 3700 Den

LEASE AND WELL NO. Reynolds #36-2 COUNTY Coma

Mail Invoice To CONFIDENTIAL Address

Mail Chart To CONFIDENTIAL Address

To SAMUEL GARY

From WESTERN TESTING

Co./Dept.

Co.

Phone #

Phone # 1-800-688-7021

Fax # 303-836-9012

Fax RELEASED

ORIGINAL

No. APR 09 1999 Copies Requested

Formation Test No. 1 Interval Tested From 4826 ft. to 4851 ft. Total Depth 4851 ft.
Packer Depth 4821 ft. Size 6 5/8 in. Packer Depth --- ft. Size --- in.
Packer Depth 4826 ft. Size 6 5/8 in. Packer Depth --- ft. Size --- in.
Depth of Selective Zone Set ---

Recorder Depth (Inside) 4831 ft. Recorder Number 3026 Cap 4995
Bottom Recorder Depth (Outside) 4847 ft. Recorder Number 10270 Cap 4150
Below --- Recorder Depth 4846 ft. Recorder Number 13548 Cap 4135

Drilling Contractor Duke Delgado Drill Collar Length 240 I. D. 2.2 in.
Mud Type Chemical Viscosity 52 Weight Pipe Length --- I. D. --- in.
Weight 9.2 Water Loss 2.8 cc. Drill Pipe Length 4559 I. D. 3.8 in.
Chlorides 5000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
Jars: Make WTC Serial Number 422 Anchor Length 25 ft. Size --- in.
Did Well Flow? gas Reverted Out --- Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 2 7/8 in. Tool Joint Size 4 1/2 x H in.

Blow: FF - Strong Blow gas to surface in 3 min
FF - Strong Blow gas to surface

Recovered 20 ft. of Mud
Recovered 60 ft. of Muddy water 45% mud 55% water
Recovered 120 ft. of Muddy water 10% mud 90% water
Recovered --- ft. of ---
Recovered --- ft. of R+W 0.58 at 70° KGC
Chlorides 92000 P.P.M. Sample Jars used 3 Remarks:

Time On Location 4:00 P.M. Time Pick Up Tool 6:00 P.M. Time Off Location --- P.M.
Time Set Packer(s) 8:05 P.M. Time Started Off Bottom 11:25 P.M. Maximum Temperature 111
Initial Hydrostatic Pressure --- (A) 2321 P.S.I.
Initial Flow Period --- Minutes 10 (B) 228 P.S.I. to (C) 208 P.S.I.
Initial Closed In Period --- Minutes 60 (D) 1755 P.S.I.
Final Flow Period --- Minutes 30 (E) 268 P.S.I. to (F) 187 P.S.I.
Final Closed In Period --- Minutes 100 (G) 1720 P.S.I.
Final Hydrostatic Pressure --- (H) 2286 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid or cost by the party for whom the test is made. All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Daniel E. Rice
Signature of Customer or his authorized representative

Western Representative Ray Schwegel Thank you

FIELD INVOICE

Open Hole Test 4
Miran ---
Straddle Test ---
Jars ---
Selective Zone ---
Safety Joint ---
Special Elec Rec ---
Evaluation ---
Extra Packer ---
Circ. Sub. ---
Milling ---
Fluid Sampler ---
Extra Charts ---
Insurance ---



WICHITA, KANSAS 67201

15-033-20920

No. 1428

CONFIDENTIAL

GAS FLOW REPORT

ORIGINAL

Date 11-29-96 Ticket 22064 Company SAM GARY JR.
 Well Name and No. Reynolds #36-7 Dst No. 1 Interval Tested 4826-4851
 County COMAACH State Ks Sec. 36 Twp. 32 Rg. 19

Time Gauge in Min.	P.S.I. on Meter Orifice Well Tester	Size of Orifice	P.S.I. on Pilot Tester	P.S.I. on Side Static Tester	Description of Flow
PRE FLOW <i>gas to surface in 3 min</i>					
5	27 Lb.	3/4"			482,000 CFPD
10	28 Lb.	3/4"			497,000 "
RELEASED					
APR 09 1999					
FROM CONFIDENTIAL					

KCC
 MAR 12
 CONFIDENTIAL

SECOND FLOW

5	12 Lb.	1"			526,000
10	14 "	"			527,000
15	13 "	"			557,000
20	12.5 "	"			540,000
25	11.5 "	"			515,000
30	11 "	"			499,000

RECEIVED
 WANGAS CORP COMM
 INT MAIL 1 P. 1 27

GAS BOTTLE

Serial No. _____ Date Bottle Filled 11-29-96 Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

RELEASED

TEST HISTORY

SAMUEL GARY JR. & ASSOCIATES REYNOLDS 8836-7 DST#1 W.T.C.

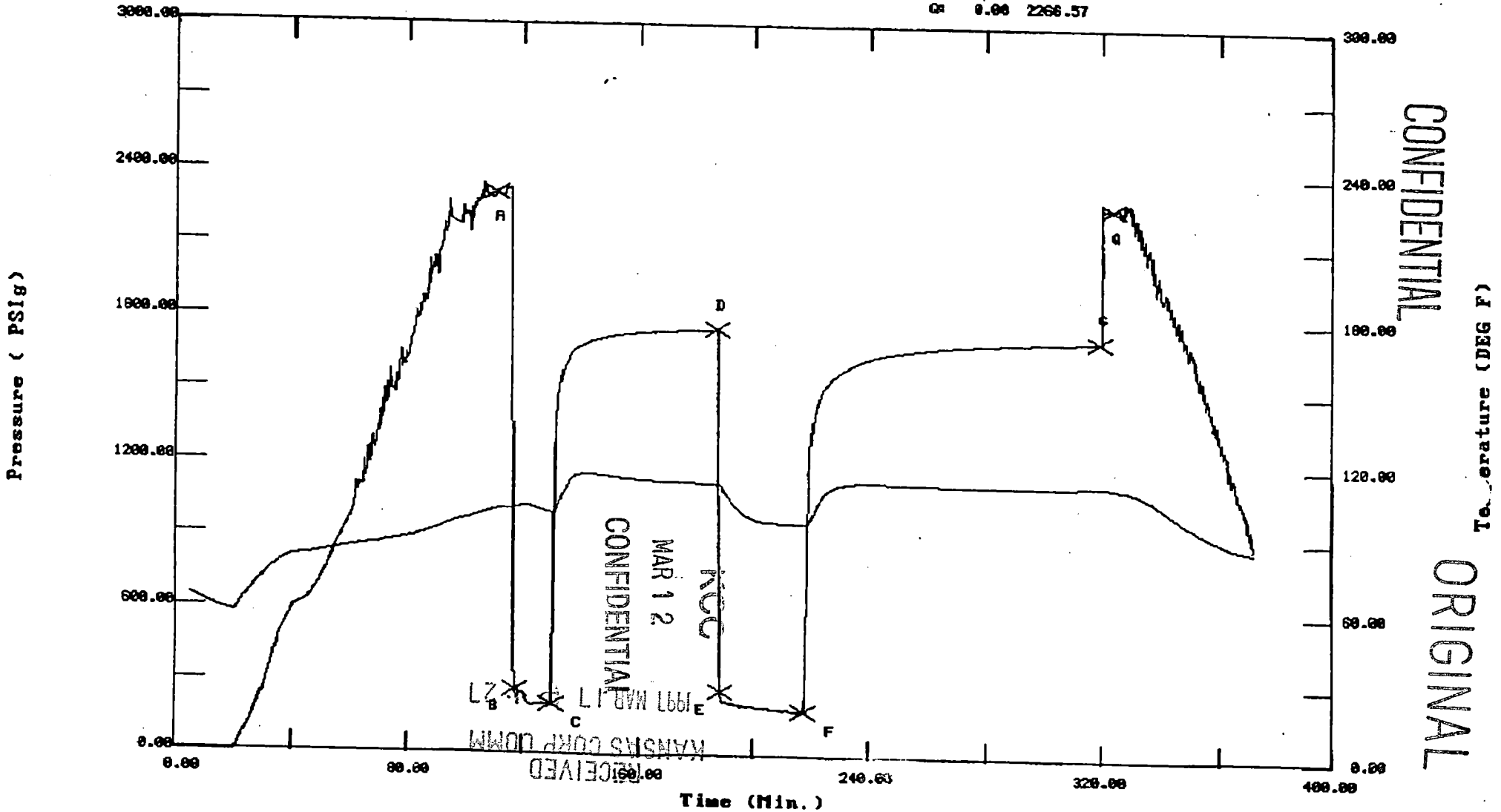
Flag Points

(Min.) P (PSig)

RA	0.00	2312.83
RB	0.00	265.82
RC	12.00	206.32
RD	57.50	1754.99
RE	0.00	260.93
RF	29.00	197.46
RG	181.50	1721.49
RA	0.00	2266.57

APR 09 1999

FROM CONFIDENTIAL



CONFIDENTIAL

ORIGINAL

I. GENERAL DATA

CONFIDENTIAL

ORIGINAL

Date 11-29-96 Lease and Well No. Reynolds 36-7
 Location NE SW NE 36-32S-19W
 DST No. ONE Formation Hertha
 Test Interval 4826-4851 Test Tools 52 ft
 Drill Collars 6 1/4 OD 2 1/4 ID 2.40 Length
 Drill Pipe 4 1/2 OD 3.8 ID 16.60 Weight
 Water Cushion _____ ft _____ bbl

RELEASED

II. SURFACE FLOW DATA

Tools Opened 8:05 AM Total Length of Test 200 Mins

Detailed information:

FROM CONFIDENTIAL

Initial Flow	<u>10</u> mins	Description	<u>Stream blow off bottom of bucket, GTS in 3 mins, 5 min 487 MCF 10 min 487 MCF 3/4" orifice</u>
Initial Shut in	<u>60</u> mins	Description	<u>1" orifice Stream blow 5 min 526 MCF, 10 min 522 MCF, 15 min 552 MCF, 20 min 540 MCF, 25 min 515 MCF, 30 min 489 MCF</u>
Final Flow	<u>30</u> mins		
Final Shut In	<u>100</u> mins		

III. PRESSURE RECORDER DATA

Top Chart	<u>4831</u>	depth	Bottom Chart	<u>4843</u>	depth
Init Hyd	<u>2321</u>	psi		<u>2316</u>	psi
IFP	<u>281 / 237</u>	psi		<u>281 / 239</u>	psi
ISIP	<u>1725</u>	psi		<u>1796</u>	psi
FFP	<u>268 / 187</u>	psi		<u>260 / 208</u>	psi
FSIP	<u>1720</u>	psi		<u>1757</u>	psi
Final Hyd	<u>2686</u>	psi		<u>2316</u>	psi
BHT	<u>111°</u>	F			

IV. RECOVERY DATA

Depth to fluid _____ ft
 Total Recovery 200 ft

Description of Recovery

<u>20</u> ft	<u>.10</u>	bbls of	<u>MUD</u>
<u>60</u> ft	<u>.27</u>	bbls of	<u>muddy water 45% mud 55% water</u>
<u>120</u> ft	<u>.57</u>	bbls of	<u>muddy water 10% mud 90% water</u>
_____ ft	_____	bbls of	_____
_____ ft	_____	bbls of	_____

MFE Chamber _____ Cfg @ _____ Psi
 _____ cc of _____
 _____ cc of _____
 _____ cc of _____
 _____ cc of _____

V. MISCELLANEOUS DATA

Mud	Resistivity	Chlorides	Nitrates	Chromates
Mud Filtrate	@ _____	_____ ppm	_____ ppm	_____ ppm
Top Sample	@ _____	_____ ppm	_____ ppm	_____ ppm
Middle Sample	@ _____	_____ ppm	_____ ppm	_____ ppm
Bottom Sample	@ <u>058</u>	<u>70</u> ppm	<u>92000</u> ppm	_____ ppm
Sample Chamber	@ _____	_____ ppm	_____ ppm	_____ ppm

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